

EYE BANKING STATISTICS

Donations

	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1991-1989</u>	<u>1991-1990</u>
Whole Eyes	56,368	57,250	58,170	+1,802	+ 920
Corneal Only	25,060	28,826	31,807	+6,747	+2,981
All Donations	81,428	86,076	89,977	+8,549	+3,901

Uses

	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1991-1989</u>	<u>1991-1990</u>
Corneal Grafts	38,464	40,631	41,393	+2,929	+ 762
Epikeratophakia	3,600	2,840	2,010	-1,590	- 830
Research/Training	34,147	38,364	40,239	+6,092	+1,875
Not Used For Medical/Safety Purposes	3,283	3,669	5,219	+1,936	+1,550

Sources of Donation

	<u>1989</u>	<u>1990</u>	<u>1991</u>
<u>Whole Eyes</u>			
Hospital	46,139	50,448	51,657
Medical Examiner	1,201	1,007	1,370
Other Sources	1,452	1,216	4,183
*OPO/Tissue Bank Referral	N/A	N/A	960

	<u>1989</u>	<u>1990</u>	<u>1991</u>
<u>Corneas</u>			
Hospital	11,115	13,474	15,977
Medical Examiner	12,828	14,520	14,059
Other Sources	698	462	1,050
*OPO/Tissue Bank Referral	N/A	N/A	721

of eye banks reporting: 108

*Information not made available by all respondents.

Eye Banking Statistics

<u>Exported Tissue</u>	<u>1991</u>	<u>Gratis Tissue</u>	<u>1991</u>
USA	12,040	USA	1,675
Canada	53	Canada	129
Central/South America	1,733	Central/South America	3,201
Africa	71	Africa	97
Europe	595	Europe	63
Asia	1,200	Asia	432
# of eye banks reporting:	91	# of eye banks reporting:	28

DONOR PROFILE INFO

Age

Under one	348
Age 1 - 10	676
Age 11 - 20	2,292
Age 21 - 40	5,793
Age 41 - 60	9,277
Age 61 - 70	9,154
Over 70	12,631

of eye banks reporting: 95

Nationality

Caucasian	25,881
Afro American	2,270
Hispanic	1,397
Oriental	133
American Indian	30

of eye banks reporting: 76

Cause of Death:

Heart Disease	10,966
Cancer	4,055
Cerebral Vascular Accident	2,214
Motor Vehicle Accident	2,258
Gunshot	1,751
Drowning	175
Stabbing	174
Asphyxiation	262

of eye banks reporting: 82

of trauma cases how many were:

Accidental	2,058
Homicide	1,293
Suicide	578

of eye banks reporting: 67

How many corneas were discarded as a result of a positive test for:

HIV	337
Hepatitis B	800
Hepatitis C	1,448
Syphilis	84
Questionable Donor History	627

of eye banks reporting: 77

Eye Bank Association of America Statistical Information

	Yes	No	Sometimes
1. Is tissue typing performed for all donors..... (# of eye banks reporting: 106)	2	85	19
2. Do you supply tissue for scheduled surgery..... (# of eye banks reporting: 105)	64	12	29
3. Do you culture eye tissue before distribution..... (# of eye banks reporting: 105)	20	78	7
4. Do you have a Medical Examiner's law..... (# of eye banks reporting: 105)	57	48	N/A
5. If Yes, Do you obtain consent before proceeding..... (# of eye banks reporting: 60)	38	11	11
6. Is specular microscopy done for all preserved corneas (# of eye banks reporting: 104)	56	29	19
7. Do you have funeral directors procuring tissue..... (# of eye banks reporting: 102)	50	45	7
8. How many people were on a waiting list as of Dec. 31, 1992..... (# of eye banks reporting: 90)			5,083
9. National average processing fee for surgical corneas..... (# of eye banks reporting: 102)			\$845.00
10. National average processing fee for sclera..... (# of eye banks reporting: 90)			\$198.00
11. National average processing for research/teaching tissue..... (# of eye banks reporting: 51)			\$ 67.00
12. Primary storage media used..... (# of eye banks reporting: 106)			Optisol
What other storage media is used by your Eye Bank..... (# of eye banks reporting: 106)			MK
13. Primary method used to preserve sclera..... (# of eye banks reporting: 98)			Alcohol

Medical Indications for Corneal Transplantation

The table below reflects the medical indications for corneal transplantation nationally. An attempt has been made to consolidate the indications for penetrating keratoplasty and to make the indications more inclusive. The reported 20,038 penetrating keratoplasties with the appropriate indications represent 48% of the total number (41,393) performed in the United States.

The EBAA greatly encourages more thorough data collection which can be used to reflect trends and direct further research. To that end, indications for epikeratoplasty as well as for lamellar keratoplasty have been proposed and reporting of indications for these procedures in 1992 would be greatly appreciated.

1991

Pseudophakic Bullous Keratopathy	5,028 (25%)
Aphakic Bullous Keratopathy	1,710 (9%)
Fuchs' Endothelial Dystrophy	2,221 (11%)
Corneal Dystrophy (other than Fuch's)	820 (4%)
Keratoconus	2,285 (11%)
Congenital Opacities	112 (1%)
Viral/Postviral Keratitis	294 (1%)
Microbial/postmicrobial Keratitis	185 (1%)
Syphilitic/postsyphilitic Keratitis	79 (1%)
Noninfectious Ulcerative Keratitis or Perforation	627 (3%)
Corneal Degenerations	848 (4%)
Chemical Injuries	95 (1%)
Trauma	524 (2%)
Regraft Associated with Allograft Rejection	935 (5%)
Regraft Unrelated to Allograft Rejection	483 (2%)
Nonspecified or other causes of corneal scarring or edema	3,792 (19%)
TOTAL REPORTED:	20,038

of eye banks reporting: 82

SUMMARY BY CITY

CITY	TOTAL DONATIONS	LOCAL GRAFTS	LOCAL RES/TRG	EXPORTED GRAFTS	EXPORTED RES/TRG	TOTAL CORNEA GRAFTS	TOTAL GRATIS
ABILENE	4			4		4	
ALBANY	298	115	168	15		130	1
ALBUQUERQUE	263	68	87	23	60	91	13
AMARILLO	74	23	6	4	4	27	4
ANN ARBOR	3,850	1,729	1,186	82		1,811	24
ATLANTA	1,484	710	674	5		715	
AUGUSTA	282	10	205	55		65	13
AUSTIN	154	108		18		126	
BALTIMORE	2,592	201	896	698	126	899	32
BATON ROUGE	86	36	26	14		50	6
BETHLEHEM	636	169	288	23	10	192	2
BIRMINGHAM	2,120	604	237	568	223	1,172	134
BOISE	231	34	111	57	8	91	21
BOSTON	2,646	960	692	534	146	1,494	3
BUFFALO	328	164	31	36		200	
CALGARY	229	106	81	1		107	1
CANTON	128	55	5	35		90	4
CHATTANOOGA	160	98	33	3		101	3
CINCINNATI	1,576	187	688	312	295	499	196
CLEVELAND	1,218	362	388	107	116	469	59
COLUMBIA	2,238	214	1,293	731		945	179
COLUMBUS	1,440	311	993	120	13	431	36
CORPUS CHRISTI	224	99	4	83	4	182	69
DALLAS	592	365	224	54		419	49
DAYTON	435	74		284		358	
DENVER	143	25	78	22	12	47	
DENVER-LIONS	1,994	510	507	257	69	767	29
EL PASO	185	92	10	60	23	152	9
ERIE	82	18	1	31	8	49	1

SUMMARY BY CITY

CITY	TOTAL DONATIONS	LOCAL GRAFTS	LOCAL RES/TRG	EXPORTED GRAFTS	EXPORTED RES/TRG	TOTAL CORNEA GRAFTS	TOTAL GRATIS
FRESNO	331	93	3	203	2	296	113
FT. MYERS	322	106		122	88	228	42
FT. WORTH	364	154	111	15	12	169	18
GAINESVILLE	391	190	147	47		237	22
HERSHEY	247	43	162	6		49	
HONOLULU	30	25		3		28	3
HOUSTON	4,305	763	1,862	1,678	4	2,441	261
INDIANAPOLIS	172	77	43	17		94	
INDIANAPOLIS-LIONS	962	139	399	170		309	16
IOWA CITY	518	241	240	37		278	16
JACKSON	160	132	14	4		136	
KANSAS CITY-MO	920	139	552	165	36	304	6
KANSAS CITY-KS	656	127	358	87		214	10
KNOXVILLE	247	151	71	2	14	153	2
LACKLAND AFB	14	4	8	2		6	
LANSING	636	236	64	146	54	382	58
LEXINGTON	295	148	63	82		230	4
LITTLE ROCK-LIONS	42	1	32	6	2	7	2
LITTLE ROCK	340	151	167	18		169	
LOMA LINDA	956	221	209	441	40	662	21
LOS ANGELES-UCLA	32	32	28			32	
LOS ANGELES-TBI	3,326	1,084	1,131	935		2,019	142
LOUISVILLE	490	248	192	34		282	4
LUBBOCK	189	20	41	71	39	91	21
MADISON	1,928	266	1,375	242		508	88
MANHASSET	208	95	37	48		143	31
MEMPHIS	610	209	331	3		212	
MIAMI	2,890	1,382	1,110	398		1,780	1,780
MILWAUKEE	1,518	214	1,202	70	28	284	29

SUMMARY BY CITY

CITY	TOTAL DONATIONS	LOCAL GRAFTS	LOCAL RES/TRG	EXPORTED GRAFTS	EXPORTED RES/TRG	TOTAL CORNEA GRAFTS	TOTAL GRATIS
MINNEAPOLIS	2,584	489	1,821	230		719	127
MISSOULA	486	57	199	156	52	213	87
NASHVILLE	232	154	42	21	2	175	7
NEW BRITAIN	753	392	233	86	12	478	3
NEW ORLEANS	291	176	68	7	6	183	44
NEW YORK	949	557	237	13	2	570	9
NEWARK	472	163	219	7	8	170	5
NORFOLK	332	64	133	131	4	195	23
NORMAL	118	32	47	31	1	63	13
OKLAHOMA CITY	301	178	43		4	178	1
OMAHA	926	234	252	156	226	390	47
ONTARIO	1,997	1,265	667			1,265	68
ORANGE, CA LIONS-UCI	166	46	54	20	24	66	7
ORLANDO	1,848	297	333	389	642	686	35
PHILADELPHIA	1,171	385	736	15		400	
PHOENIX	3,524	492	611	1,170	1,123	1,662	704
PITTSBURGH	832	300	150	29	326	329	6
PORTLAND	246	70	193	15		85	5
PORTLAND-LIONS	2,081	235	1,407	146	79	381	73
RICHMOND	952	255	332	167	174	422	36
ROANOKE	168	64	92	12		76	
ROCHESTER-NY	1,577	182	508	199	892	381	12
ROCHESTER-MN	542	54	465	23		77	1
SACRAMENTO	548	259	144	46	17	305	23
SALT LAKE CITY	539	328	107	16	7	344	8
SAN ANTONIO	549	275	143	29	2	304	1
SAN DIEGO	2,267	504	896	270	168	774	
SAN FRANCISCO	723	334	194	26	6	360	27
SAN JUAN	130	99	6	19		118	

SUMMARY BY CITY

CITY	TOTAL DONATIONS	LOCAL GRAFTS	LOCAL RES/TRG	EXPORTED GRAFTS	EXPORTED RES/TRG	TOTAL CORNEA GRAFTS	TOTAL GRATIS
SANTA ANA	938	189	311	371	21	560	12
SASKATOON	114	71	38	5		76	5
SEABROOK	868	96	235	421	73	517	3
SEATTLE	2,826	439	670	115	1,228	554	89
SHREVEPORT	282	111	21	31		142	4
SIOUX FALLS	240	41	113	58		99	12
SOUTH CHARLESTON	360	135	39	134	9	269	4
SPRINGFIELD	89	32	35	14		46	32
ST. LOUIS	1,291	277	578	294	134	571	40
SYRACUSE	349	177	84	66		243	4
TAMPA	2,711	516	181	1,161	593	1,677	303
TEMPLE	40	15	18		2	15	
TOLEDO	152	65		63		128	3
TYLER	31	11		18		29	13
VANCOUVER	706	348	245	7	2	355	6
WASHINGTON	176	20	114	40		60	
WEST COLUMBIA	513	128	244	65	28	193	21
WICHITA	202	89	16	56	14	145	11
WILMINGTON	421	147	61	12	19	159	1
WINNIPEG	241	73	156	2		75	74
WINSTON-SALEM	1,332	596	495	89	53	685	79
=====	=====	=====	=====	=====	=====	=====	=====
108	89,977	25,654	32,850	15,739	7,389	41,393	5,665